



California Crop Weather

Cooperating with the California Department of Food and Agriculture
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WEATHER

Another dry week across the state of California, with no locations in the state reporting any rainfall. Afternoon highs were typically in the 70s-80s along the immediate coast and in the mountains, with 90s inland; 90s-100s in the valley, and 80s-110s in the desert. On the hottest days during the middle of the week, a few desert locations exceeded 120 degrees. Overnight lows were fairly comfortable along the immediate coast, thanks to the proximity of cooler Pacific air. Lows in these locations were in the 50s-60s. On some of the mountains along the coast, overnight lows dropped into the upper 40s. Minimum temperatures dropped into the 50s-60s across the valley, 50s-80s in the desert, and 30s-50s in the mountains. Mountain snow packs were essentially gone, with only patchy snow at sheltered areas in the northern mountains above 11,000 feet and on the peak of Mt. Shasta.

FIELD CROPS

Alfalfa was irrigated, cut, windrowed, and baled in Tulare County. The second cutting of alfalfa was complete in Siskiyou and Modoc Counties. The hot temperatures stimulated growth of field crops and necessitated more frequent irrigation. **Rice** was breaking out of the water and rice paddies were fertilized and monitored for insects. The heat promoted **cotton** squaring and blooming. Silage **corn** was progressing well with some early plantings already tasseling. **Wheat** harvest for grain was complete in Tulare County. **Dry beans, safflower, and sorghum** were growing well.

FRUIT CROPS

Harvest of **peaches, nectarines, apricots, and plums** was ongoing. The hot weather, was pushing fruit to maturing earlier than it did last year. Stone fruit orchards were irrigated and herbicides applied to some orchard floors. Asian **pears** and table **grapes** were harvested in the San Joaquin Valley. Vineyards were treated for mildew, mites, and weeds. In Colusa, Sacramento, Solano, and Yolo Counties grape harvest was anticipated to begin in about two weeks. Re-greening in Valencia **oranges** was exacerbated by the high temperatures. Late Navel oranges, Star Ruby **grapefruit**, and **lemons** continued to be picked and packed. Citrus shipments were slowing down due to color issues. **Fig** growers continued to prepare for the second crop. **Avocado** harvest continued despite heat causing some fruit to drop and labor shortages. The **olive** crop was progressing well in Tehama County.

NUT CROPS

Cleaning up of branches broken from the heavy **walnut** crop continued. Walnuts were sprayed for codling moth and monitored for husk fly. Sunburn sprays were applied to walnuts. **Pistachio** nut fill continued. **Almonds** were splitting in some orchards and the split stage was stalled in others due to the continuation of high temperatures.

VEGETABLE CROPS

In Colusa County the processing **tomato** harvest was well under way. In San Joaquin County, hot weather forced farmers to apply additional irrigation. The **onion** harvest continued. Bags of onions which had been curing in the fields were collected and taken to the packing sheds. **Cantaloupe** and **watermelons** were also harvested. In Fresno County, the processing tomato harvest continued with very good quality reported. Tomato fields were dusted with powder to prevent sunburn. The harvest of fresh conventional onions was winding down. Growers finished second pick of individual-sized watermelon. The **Bell pepper** harvest continued. Anaheim and no-heat jalapeno peppers were planted for fall harvest. In Tulare County, summer vegetables were harvested and shipped domestically. **Zucchini, Italian squash, Bell peppers, tomatoes, eggplant, and cucumbers** were harvested. **Sweet corn** was harvested and sold at local markets and roadside stands. **Honeydew melons** were harvested and packed.

LIVESTOCK

Continued warm weather promoted the drying of rangeland vegetation. Non-irrigated pasture and range in the lower elevations were reported to be in fair to very poor condition. Foothill forage was in fair condition. Bees continued to labor in melon and sunflower fields. Sheep grazed on harvested alfalfa, small grain, and fallow fields. Supplemental feeding of cattle continued due to the deteriorating range conditions.

CALIFORNIA CROP WEATHER – WEEK ENDING 7/17/2016											
STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION 1/			
	Average Week Ending 7/17/2016	Departure from Normal 2/	High	Low	This Year	Normal Year 2/	This Season	This Week	This Season	Normal Season 2/	Normal Year 2/
					January 1 - 7/17//2016	January 1 - 7/17//2016	July 1 - 7/17/2016	Week Ending 7/17/2016	July 1 - 7/17/2016	July 1 - 7/17//2016	July 1 - June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days 3/ --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	58	0	66	52	16	18	2	0.00	0.33	0.11	38.10
Ukiah	75	3	102	51	852	559	0	0.00	0.00	0.04	38.90
Santa Rosa	69	2	96	50	545	455	0	0.00	0.00	0.06	31.01
Napa State Hosp	69	1	93	53	670	497	0	0.00	0.00	0.00	26.46
Central Coast											
San Francisco	64	2	77	54	369	195	0	0.00	0.00	0.02	20.11
San Jose	70	-1	89	55	828	696	0	0.00	0.00	0.00	15.08
Salinas	61	-2	72	52	266	209	0	0.00	0.00	0.03	12.91
Monterey	59	-2	67	48	140	72	0	0.00	0.00	0.08	20.35
King City Ag	68	-2	89	48	636	538	0	0.00	0.00	0.00	12.30
Paso Robles	73	-2	100	48	910	679	0	0.00	0.00	0.01	13.08
Sacramento Valley											
Redding	83	2	105	60	1578	1106	0	0.00	0.00	0.04	33.52
Red Bluff	82	1	103	62	1543	1217	0	0.00	0.00	0.09	24.07
Willows 6W	78	1	98	57	1227	938	0	0.00	0.00	0.05	19.03
Oroville	81	3	102	60	1429	1016	0	0.00	0.00	0.06	28.75
Marysville	78	-2	101	58	1281	1202	0	0.00	0.00	0.06	22.07
Sacramento	77	2	100	56	1152	894	0	0.00	0.00	0.04	17.93
San Joaquin Valley											
Stockton	78	1	103	55	1183	1037	0	0.00	0.00	0.05	13.84
Modesto	81	3	104	61	1539	1140	0	0.00	0.00	0.05	13.12
Merced Macready	79	-1	103	55	1275	1093	0	0.00	0.00	0.03	12.50
Madera	80	-1	103	54	1386	1170	0	0.00	0.00	0.00	11.94
Fresno	83	3	104	61	1697	1278	0	0.00	0.00	0.00	11.23
Lemoore NAS	79	0	105	53	1491	1160	0	0.00	0.00	0.00	7.89
Visalia	79	0	102	56	1482	1173	0	0.00	0.00	0.00	11.03
Bakersfield	85	3	105	65	1929	1448	0	0.00	0.00	0.00	6.49
Cascade Sierra											
Alturas	64	-3	93	31	261	163	1	0.00	0.05	0.17	12.13
Mount Shasta	68	3	92	41	419	185	0	0.00	0.00	0.24	39.16
Blue Canyon	69	1	81	52	376	219	0	0.00	0.00	0.22	66.36
Yosemite Valley	75	3	99	51	742	450	0	0.00	0.00	0.34	37.73
South Coast											
Santa Maria	62	-2	74	51	352	202	0	0.00	0.00	0.03	14.01
Santa Barbara	65	-3	75	54	356	454	0	0.00	0.00	0.00	16.93
Oxnard NWS	68	3	79	57	650	416	0	0.00	0.00	0.02	15.62
Riverside	79	0	97	63	1636	1177	0	0.00	0.00	0.00	10.22
Los Angeles	70	1	77	63	795	718	0	0.00	0.00	0.00	13.15
San Diego	70	-2	77	64	1068	875	0	0.00	0.00	0.02	10.77
Southeast Interior											
Bishop	79	3	105	50	1007	812	0	0.00	0.00	0.16	5.02
Daggett	90	2	110	67	2277	1822	0	0.00	0.00	0.20	4.17
Lancaster ATC	82	2	102	60	1494	1122	0	0.00	0.00	0.00	7.40
Thermal	90	-2	112	63	2954	2573	0	0.00	0.00	0.06	3.53
Blythe	97	3	115	75	3210	2628	0	0.00	0.00	0.14	4.02
Imperial CA	96	5	115	71	3149	2458	0	0.00	0.00	0.00	2.96

1/ Precipitation (rain or melted snow/ice).
2/ Normal periods 1970-2000 used in Departure From Normal calculations.
3/ Total number of days with precipitation events this season.

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